

Recombinant Human OR5H1 cell lysate

Cat. No. OR5H1-1256HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	OR5H1?olfactory receptor, family 5, subfamily H, member 1 [?Homo sapiens?(human)]
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Official Symbol	OR5H1
Synonyms	OR5H1; olfactory receptor, family 5, subfamily H, member 1; HTPCRX14; HSHTPCRX14; olfactory receptor 5H1
Gene ID	26341
mRNA Refseq	NM_001005338
Protein Refseq	NP_001005338
UniProt ID	A6NKK0
Chromosome Location	3q11.2
Pathway	GPCR downstream signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Olfactory Signaling Pathway, organism-specific biosystem
Function	G-protein coupled receptor activity; olfactory receptor activity